ABSTRACT

A digital camera has an image sensor, a capture trigger, a processing system, and a capture buffer having multiple buffer locations. The processing system receives auxiliary image frames from the image sensor and stores each auxiliary image frame in a buffer location. When the capture trigger is activated, a corresponding image frame is received by the processing system from an image sensor and stored in an available buffer location. Blur correction is performed on the corresponding image frame using at least one auxiliary image frame in at least one other buffer location. All buffer locations used for the blur correction are unavailable for storage of other data until the blur correction is complete. In one embodiment, Image frames are continuously stored in the buffer locations not designated as unavailable.